HEARTSINE 350P

COMPACT, EASY-TO-USE, LIFESAVING TECHNOLOGY

Sudden Cardiac Arrest (SCA) is a leading cause of death globally. Response time is critical for survival. The samaritan® PAD 350P is designed especially for use in public areas by providing a sophisticated defibrillator for adult or pediatric use, inside a lightweight and easy-to-operate system.

EASY-TO-FOLLOW GUIDES

**User-friendly.** The samaritan PAD 350P features easy-to-understand visual and voice prompts that guide a user through the process including CPR coaching.

**Two-button operation.** Only two buttons, ON/OFF and SHOCK, are required for straightforward operation.

**Always ready.** A System Status Ready Indicator flashes to show that the complete system is operational and ready for use. The device automatically runs self-check each week.

COMPACT IN SIZE, BIG ON ABILITY

**Highest level of dust/moisture protection.** The samaritan PAD has a rating of IP56, providing the 350P defibrillator with the highest level of protection from dust or moisture ingress in the industry.

**Durable.** The samaritan PAD 350P resists shock and vibration and comes with a shock-proof carry case free of charge.

**Advanced technology.** The samaritan PAD 350P utilizes proprietary electrode technology, advanced and stable firmware, and proprietary SCOPE™ Biphasic Technology to assess rhythm and recommend defibrillation is necessary.

*See overleaf for more information

PAD PAK TECHNOLOGY

**Low cost of ownership.** Pad Pak cartridge has a shelf life of four years from date of manufacture, offering significant savings over other defibrillators that require separate battery and pad units.

**Two parts, one expiration date.** Cartridge combines battery and electrode pads, with one expiration date to monitor.

**Great for children.** The HeartSine PAD’s built-in intelligence and unique pediatric Pad-Pak ensure the appropriate energy level is delivered for children.
## TECHNICAL SPECIFICATIONS

### PHYSICAL

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>20 cm x 18.4 cm x 4.8 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.1 kg including Pad-Pak battery</td>
</tr>
</tbody>
</table>

### DEFIBRILLATOR

**Waveform:**

### PATIENT ANALYSIS SYSTEM

**Method:**
Evaluates patient’s ECG, signal quality, electrode contact integrity and patient impedance to determine if defibrillation is required.

**Sensitivity/Specificity:**
Meets ISO 60601-2-4

### ENVIRONMENTAL

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating/Standby Temperature</td>
<td>0°C to 50°C</td>
</tr>
<tr>
<td>Temporary Transportation Temperature</td>
<td>-10°C to 50°C for up to two days. Unit must be returned to standby/operating temperature for 24 hours before use.</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>5% to 95% (non-condensing)</td>
</tr>
<tr>
<td>Water Resistance</td>
<td>IEC 60529/EN 60529 IP56</td>
</tr>
<tr>
<td>Altitude</td>
<td>0 – 4,575 meters</td>
</tr>
<tr>
<td>Shock</td>
<td>MIL STD 810F Method 516.5, Procedure I (40 Gs)</td>
</tr>
<tr>
<td>Vibration</td>
<td>MIL STD 810F Method 514.5+, Category 4 Truck Transportation – US Highways, Category 7 Aircraft – Jet 737 &amp; General Aviation (Exposure)</td>
</tr>
<tr>
<td>EMC</td>
<td>EN 60601-1-2</td>
</tr>
<tr>
<td>Radiated emissions</td>
<td>EN55011</td>
</tr>
<tr>
<td>Electrostatic Discharge RF Immunity</td>
<td>EN61000-4-3 80MHz-2.5GHZ (10 V/m)</td>
</tr>
<tr>
<td>Magnetic Field Immunity</td>
<td>EN61000-4-8 (3 A/m)</td>
</tr>
<tr>
<td>Aircraft</td>
<td>RTCA/DO-160F, Section 21 (Category M)</td>
</tr>
<tr>
<td>Drop Tested</td>
<td>1 metre</td>
</tr>
</tbody>
</table>

### ENERGY SELECTION

**Adult:**
- Shock 1: 150J
- Shock 2: 150J
- Shock 3: 200J

**Paediatric:**
- Shock 1: 50J
- Shock 2: 50J
- Shock 3: 50J

### CHARGING TIME

- **New Battery:** Typically 150J in < 8 seconds, 200J in < 12 seconds
- **After 6 Discharges:** Typically 150J in < 8 seconds, 200J in < 12 seconds

### EVENT DOCUMENTATION

**Type:** Internal Memory

**Memory Capacity:** 90 minutes of ECG (full disclosure) and event/incident recording

**Playback capabilities:** Custom USB cable directly connected to PC and Saver™ EVO Windows-based data review software

### MATERIALS USED

**Housing:** ABS, Santoprene. Printed circuit board with electronic components.

**Electrodes:** Hydrogel, Silver, Aluminium and Polyester

### PAD PAK - ELECTRODE & BATTERY CARTRIDGE

**Shelf Life:** 4 years from manufacture date

**Weight:** 0.2kg

**Size:** 10 cm x 13.3 cm x 2.4 cm

**Battery Type:** Lithium Manganese Dioxide (LiMnO2)

**Capacity:** > 60 shocks at 200J 18V, 1.5 Amp Hrs

**Electrodes:** HeartSine samaritan® disposable defibrillation pads are supplied as standard with each device

**Placement:** Anterior-lateral (Adult), Anterior-posterior (Pediatric)

**Active Gel Area:** 100 cm²

**Cable Length:** 1 metre

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**DID YOU KNOW**

the HeartSine 350P has lower running costs than ANY other AED across its 8yr warranty period.